

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:

First Named Inventor: TZANNES, MARCOS C.

Art Unit:

Application No.:

Examiner:

Filed: Herewith

Confirmation No.:

For: IMPULSE NOISE MANAGEMENT

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**PRELIMINARY AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Prior to examination, please amend the above-identified patent application as indicated below.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 5 of this paper.